

Written in fall 2001 by Julia and Nikki

CHAIN RULE SONG
(sung to the tune of The Wheels on the Bus)

The wheels in our head go round and round
Round and round
Round and round
The wheels in our head go round and round
To try to solve the problem.

The chain rule is what we must do
It may look hard
But that's not true
The chain rule is what we must use
To find the derivative.

Take the function of $\sin(x^2)$ (sing—sine x-squared)
There's a function inside another one there
Take the function sin x-squared
And separate the pieces.

“D” sine is the first step you take
Cosine x-squared is what you'll make
Not very long did that step take.
Now let's finish working.

Next you'll find “d” of x-squared
Make it two “x” without a care
Forget this step and you'll be in despair
You're almost at the finish.

Cosine x-squared times two x
We hope that you are not perplexed
We accept cash, credit and checks
Now you have the answer.